



MEMORANDUM

To: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie
From: Peter Weaver
Date: December 11, 2012
Subject: Odour Monitoring Daily Report; December 7, 2012

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	North/North West
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	0 °C - 4 °C

Four rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for December 7, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: December 7, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:03	3								X		
7:13	6								X		
7:19	7								X		
7:24	8								X		
7:29	9								X		
7:34	10							X		515	Not site related – other activity in the area
7:51	12								X		
7:58	17								X		
8:04	13								X		
8:09	14								X		
8:14	15								X		
8:19	16								X		
8:34	5								X		
8:41	1								X		
8:48	11								X		
8:55	2								X		
9:20	4								X		

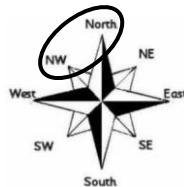
Weather Conditions

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: ____0__ °C

Relative Humidity: ____73__ %

Barometric Pressure: ____101.83__ kpa

Notes:

Date Signed: December 7, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 7, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:35	3								X		
9:45	6								X		
9:51	7								X		
9:56	8								X		
10:01	9								X		
10:06	10						X			515	Not site related – other activity in the area
10:14	12							X		515/411	Not site related – other activity in the area
10:20	17								X		
10:27	13								X		
10:32	14								X		
10:33	15								X		
10:40	16							X		722	Not site related – other activity in the area
10:53	5								X		
10:59	1								X		
11:06	11								X		
11:11	2								X		
11:16	4								X		

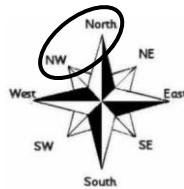
Weather Conditions

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: ____0__ °C

Relative Humidity: ____75__ %

Barometric Pressure: ____101.99__ kpa

Notes:

Date Signed: December 7, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 7, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:26	3								X		
11:32	6								X		
11:37	7								X		
11:42	8							X		411	Not site related – other activity in the area
11:47	9								X		
11:52	10						X			515	Not site related – other activity in the area
12:30	12								x		
12:37	17								X		
12:42	13								X		
12:47	14								X		
12:52	15								X		
12:57	16							X		722	Not site related – other activity in the area
1:28	5								X		
1:40	1								X		
1:50	11								X		
1:56	2								X		
2:02	4								X		

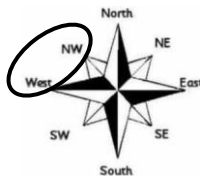
Weather Conditions

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: ____1____ °C

Relative Humidity: ____72____ %

Barometric Pressure: ____102.05____ kpa

Notes:

Date Signed: December 7, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 7, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:30	3								X		
2:36	6								X		
2:41	7								X		
2:46	8								X		
2:51	9								X		
2:56	10								X		
3:15	12								x		
3:22	17								X		
3:27	13								X		
3:32	14							X		506	Not site related – other activity in the area
3:37	15								X		
3:42	16								X		
3:52	5								X		
3:59	1								X		
4:06	11								X		
4:11	2								X		
4:16	4								X		

Weather Conditions

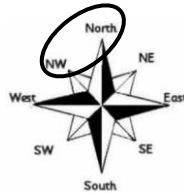
Precipitation

Wind Direction (Blowing From)

Wind Speed

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

- None
- Fog
- Rain
- Sleet
- Snow



- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: 3 °C

Relative Humidity: 60 %

Barometric Pressure: 101.92 kpa

Notes:

Date Signed: December 7, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 7, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:30	3								X		
4:38	6								X		
4:45	7								X		
4:50	8								X		

Weather Conditions

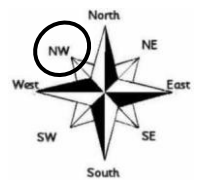
Precipitation

Wind Direction (Blowing From)

Wind Speed

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

- None
- Fog
- Rain
- Sleet
- Snow



- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: ____4____ °C

Relative Humidity: ____62____ %

Barometric Pressure: ____101.95____ kpa

Notes: _____

Date Signed: December 7, 2012 Name: Denise Walker Signature: Denise Walker

Table 1 - Odour Monitoring Circuit
Air Monitoring Plan - Odour (AMPO)

Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds (")	Longitude (Degrees (°) Minutes (') Seconds (")
01	Forrest St.	N46° 8' 48.18"	W60° 10' 4.50"
02	FAST Furniture	N46° 8' 30.76"	W60° 10' 37.56"
03	Bus Station – Terminal Road	N46° 8' 28.30"	W60° 11' 7.55"
04	French School	N46° 8' 28.36"	W60° 10' 58.23"
05	Near Coke Oven Security Trailer	N46° 8' 55.56"	W60° 10' 7.74"
06	Fence Line – Prince and Terminal	N46° 8' 21.97"	W60° 11' 17.20"
07	Intercolonial Ambient Air Station (L5)	N46° 8' 33.36"	W60° 11' 24.30"
08	Corner of Intercolonial and Ferry Streets	N46° 8' 39.45"	W60° 11' 31.14"
09	DesBarres Street Ambient Air Station (L6)	N46° 8' 49.72"	W60° 11' 49.66"
10	Battery Point next to Fire Hydrant	N46° 8' 58.81"	W60° 12' 7.61"
11	Victoria Road Ambient Air Station (L1)	N46° 8' 42.97"	W60° 10' 32.62"
12	NS Lands Office Cul-de-sac	N46° 8' 51.94"	W60° 10' 56.32"
13	Currys Lane Ambient Air Station (L2)	N46° 9' 5.86"	W60° 10' 43.18"
14	Playground on Laurier Street Extension	N46° 9' 8.30"	W60° 10' 55.86"
15	200 m past Laurier Street Extension	N46° 9' 10.05"	W60° 11' 6.63"
16	Bottom of Henry Street	N46° 9' 16.30"	W60° 11' 17.60"
17	Fredrick St.	N46° 9' 10.26"	W60° 10' 12.12"

Odor Descriptors

